

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	778	(distance or range\$4) and zimmerman and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/11/09 09:25
L2	39	l1 and 340/10.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/11/09 09:32
L3	169	l1 and (remote adj2 control)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/11/09 09:32
L4	4	("20020135466"   "4598209"   "4864115"   "6253131").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/09 09:35
L5	18	("5602535").URPN.	USPAT	AND	OFF	2007/11/09 10:02
L6	9	("4763121"   "5602535"   "5723911"   "5790043"   "5929769"   "5969597"   "6002341"   "6087987"   "6130622").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/09 10:05
L7	5	("4797671"   "4881148"   "5379033"   "5517189"   "5602535").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/09 10:09
L8	16	("5517189").URPN.	USPAT	AND	OFF	2007/11/09 10:12
L9	10	("3263141"   "3774217"   "5198800"   "5355525"   "5365225"   "5420568"   "5517189"   "5600323"   "6472999").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/09 10:14
L10	36	("5379033").URPN.	USPAT	AND	OFF	2007/11/09 10:25
L11	5	("5379033"   "5723911"   "5973611"   "6034617"   "6181254").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/11/09 10:27
L12	36	("5379033").URPN.	USPAT	AND	OFF	2007/11/09 10:36
S1	9860	remote adj2 control and (respons\$4 or integra\$4) and vehicle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/11/09 09:24
S2	2508	remote adj2 control and (respons\$4 or integra\$4) adj2 signal\$2 and vehicle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 10:39

## EAST Search History

S3	686	S2 and "340"/\$.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 10:40
S4	0	S3 and (antenna near5 (dash adj2 board))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 10:40
S5	392	S3 and (antenna)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 10:41
S6	7	("4897644"   "4942393"   "5134392"   "5552641"   "5742237"   "5838257"   "6128489").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/09/23 10:48
S7	17	("4616364"   "4644347"   "4688036"   "4794268"   "4811013"   "5142691"   "5303259"   "5319364"   "5379033"   "5428818"   "5438699"   "5499388"   "5682135"   "5933074"   "6323566"   "6389275"   "6603388").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/09/23 10:50
S8	5	("4809268"   "4988992"   "5528086"   "5661804"   "5686904").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/09/23 11:21
S9	17	remote adj2 control and (respons\$4 or integra\$4) and (antenna nears window\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:35
S10	0	remote adj2 control and (respons\$4 or integra\$4) and motocylce\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:35
S11	0	remote adj2 control and (respons\$4 or integra\$4) and motocycle\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:36
S12	0	remote adj2 control and (respons\$4 or integra\$4) and motocycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:36
S13	55286	remote adj2 control and (respons\$4 or integra\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:36

## EAST Search History

S14	363	S13 and motorcycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:40
S15	76	S14 and antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:40
S16	83	S13 and (antenna near5 window)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:46
S17	61	"4670746"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:51
S18	25	"5124565"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 11:51
S19	21	("20020190843"   "20030007649"   "20030024754"   "20030080859"   "4022487"   "4132994"   "4907428"   "5124565"   "5291761"   "5594411"   "5648764"   "5744875"   "5945794"   "5945906"   "6057657"   "6075454"   "6232884"   "6236307"   "6237710"   "6483467"   "6515580").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/09/23 11:52
S20	8	(US-6075454-\$ or US-5723911-\$ or US-5552641-\$ or US-5499022-\$ or US-5134392-\$ or US-5124565-\$ or US-4897644-\$ or US-4719460-\$).did.	USPAT	AND	OFF	2005/09/23 14:21
S21	6	S20 and (board or panel or front or dash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 15:39
S22	2	"20040063477"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 14:34

## EAST Search History

S23	18	(US-20040063477-\$ or US-20030007649-\$).did. or (US-6483467-\$ or US-6369529-\$ or US-6075454-\$ or US-6049268-\$ or US-5929769-\$ or US-5723911-\$ or US-5552641-\$ or US-5499022-\$ or US-5134392-\$ or US-5124565-\$ or US-4973958-\$ or US-4897644-\$ or US-4737784-\$ or US-4719460-\$ or US-4688036-\$ or US-4132994-\$).did.	US-PGPUB; USPAT	AND	OFF	2005/09/23 15:38
S24	15	S23 and (board or panel or front or dash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 15:39
S25	7	S23 and antenna near5 (board or panel or front or dash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 15:43
S26	796	(remote adj2 control) and antenna near5 (board or panel or front or dash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:01
S27	320	S26 and (vehicle or motorcycle or scooter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 18:16
S28	91	S27 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 15:44
S29	0	"I90" and antenna near5 (board or panel or front or dash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 15:49
S30	0	"I90" and antenna near5 (board or panel or front or dash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 15:48
S31	91	S28 and antenna near5 (board or panel or front or dash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2005/09/23 15:49
S32	5	("3646561"   "4132994"   "4311335"   "5889496"   "6191751").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/03/07 14:47
S33	5	("6191751").URPN.	USPAT	AND	OFF	2006/03/07 14:51
S34	0	US20040063477	USPAT	AND	OFF	2006/03/07 14:51

## EAST Search History

S35	11610	antenna near5 (board or panel or dash)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:03
S36	0	S35 same on same vehicle\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:03
S37	0	antenna near5 on near4 (board or panel or dash),	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:03
S38	966	antenna near5 (board or panel or dash) same vehicle\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:04
S39	0	S38 and motorcycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:04
S40	10	S38 and motorcycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:04
S41	0	antenna near5 (board or panel or dash) same motorcycle\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:05
S42	2	antenna near5 (board or panel or dash) same motorcycle\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:05
S43	50	antenna near5 (board or panel or dash) and motorcycle\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:05
S44	21	("2206793"   "2964746"   "3087118"   "3090960"   "3099797"   "3793590"   "3816837"   "3896448"   "4210357"   "4675687"   "4760394"   "4788550"   "5027128"   "5285210"   "5353039"   "5365242").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/03/07 15:24
S45	365	instrument adj2 panel same antenna	US-PGPUB; USPAT; USOCR	AND	OFF	2006/03/07 15:25

## EAST Search History

S46	0	instrument adj2 panel same antennal24 and (vehicle or motorcycle)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/03/07 15:25
S47	284	S45 and (vehicle or motorcycle)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/03/07 15:25
S48	4	("4884135"   "5105187"   "5144318"   "5519410").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/03/07 15:34
S49	27	(US-20040063477-\$ or US-20030007649-\$).did. or (US-6924735-\$ or US-6812823-\$ or US-6661350-\$ or US-6538559-\$ or US-6483467-\$ or US-6369529-\$ or US-6353415-\$ or US-6208305-\$ or US-6078293-\$ or US-6075454-\$ or US-6049268-\$ or US-5929769-\$ or US-5723911-\$ or US-5552641-\$ or US-5499022-\$ or US-5134392-\$ or US-5124565-\$ or US-4973958-\$ or US-4897644-\$ or US-4737784-\$ or US-4719460-\$ or US-4688036-\$ or US-4132994-\$ or US-3896448-\$ or US-3816837-\$).did.	US-PGPUB; USPAT	AND	OFF	2006/03/07 15:37
S50	2	S48 and (instrument\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:37
S51	4	S48 and antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:37
S52	1146	343/713.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:40
S53	238	343/713.ccls. and antenna same (instrument adj2 panel or board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:41
S54	6	("6148262"   "6157890"   "6204820"   "6295033"   "6331838"   "6407709").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/03/07 15:43
S55	4	(US-6353415-\$ or US-6208305-\$ or US-3896448-\$ or US-3816837-\$).did.	USPAT	AND	OFF	2006/03/07 15:49

## EAST Search History

S56	0	S55 and motorcycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:49
S57	0	S55 and two adj2 wheel\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:50
S58	0	S55 and cycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/03/07 15:50
S59	101	antenna near\$2 (handle adj2 bar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/10/18 14:47
S60	0	antenna adj2 (handle adj2 bar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/10/18 14:47
S61	24	antenna same (handle adj2 bar)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/10/18 14:48
S62	65	konno and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2006/10/18 15:20
S63	5	("3646561"   "4132994"   "4311335"   "5889496"   "6191751").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/10/18 15:22
S64	405	antenna same (instrument adj2 panel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 16:57
S65	24	S64 and motorcycle\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 18:17
S66	9	("2575471"   "2859441"   "3611388"   "3646561"   "3896448"   "4132994"   "4370658").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/03/28 16:27
S67	15	("3657457").URPN.	USPAT	AND	OFF	2007/03/28 16:29
S68	332	antenna same (steer\$4 adj2 wheel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 16:30

## EAST Search History

S69	74	S68 and instrument	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 16:30
S70	26	S68 and motorcycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 16:31
S71	17	("4342175").URPN.	USPAT	AND	OFF	2007/03/28 16:39
S72	10	antenna same (handle adj2 bar\$2) and motorcycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 18:18
S73	4	antenna same (center adj2 rotation) and motorcycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 16:53
S74	9	antenna same (control adj2 panel) and motorcycle	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 16:57
S75	1	S64 and scooter\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 18:17
S76	10	antenna same (handle adj2 bar\$2) and (motorcycle\$2 or scooter\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/03/28 18:18
S77	33	(US-20030007649-\$ or US-20040063477-\$ or US-20020003501-\$).did. or (US-4973958-\$ or US-6538559-\$ or US-5552641-\$ or US-6483467-\$ or US-6924735-\$ or US-5723911-\$ or US-6812823-\$ or US-4688036-\$ or US-5929769-\$ or US-6078293-\$ or US-4897644-\$ or US-5499022-\$ or US-6515580-\$ or US-4737784-\$ or US-6661350-\$ or US-6075454-\$ or US-6353415-\$ or US-5124565-\$ or US-6049268-\$ or US-5134392-\$ or US-5878981-\$ or US-6369529-\$ or US-4719460-\$ or US-3896448-\$ or US-5343077-\$ or US-4132994-\$).did. or (US-6208305-\$ or US-6469621-\$ or US-3816837-\$).did. or (JP-09189708-\$).did.	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 14:10



## EAST Search History

S78	1935571	S77 and range\$4 or distance\$2	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 14:11
S79	22	S77 and ( range\$4 or distance\$2)	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 14:37
S80	469	(range\$4 or distance\$2) same antenna same remote adj2 control	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 15:38
S81	15	(range\$4 or distance\$2) same antenna same remote adj2 control same (larger or smaller)	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 14:37
S82	202	S80 and (vehicle\$2)	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 14:41
S83	8	(range\$4 adj2 transmission) same antenna same remote adj2 control	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 15:42
S84	4	(range\$4 adj2 transmission) same (larger or smaller) same remote adj2 control	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 15:45
S85	34	(range\$4 adj2 transmission) same (larger or smaller) and remote adj2 control	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 16:54
S86	0	("2004/0227656").URPN.	USPAT	AND	OFF	2007/11/07 15:50
S87	4	(transmitting adj2 range) same smaller same (receiving adj2 range)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/11/07 16:50
S88	65	(transmitting adj2 range) same (smaller or larger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/11/07 16:53
S89	22	(transmitting adj2 range) same (smaller)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2007/11/07 16:53
S90	748	(range\$4 adj2 transmission) same (larger or smaller)	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 16:54
S91	3	S90 and (electronic adj2 key\$2)	US-PGPUB; USPAT; JPO	AND	OFF	2007/11/07 16:54